



Krell Industries, Inc.
45 Connair Drive
Orange, CT 06477-0533, USA

KRELL PAM-5 PREAMPLIFIER

OWNER'S MANUAL

PAM-5

The Krell PAM-5 Preamplifier is a result of four years of research. Research not only in electronics, but also in marketing. Krell has developed sophisticated audio circuitry that meets our own rigid electrical standards and above all sounds musical. The PAM-5 is so advanced that it will make a statement for years to come. This instruction manual is intended to enhance the usage and enjoyment of your PAM-5.

UNPACKING

While unpacking your PAM-5, please inspect the unit carefully for shipping damage. If all is well, proceed. Position PAM-5 in your system. Plug in the power supply connectors on the back of your preamp, lining up the red dots of the connectors with recepticals on the rear panel and push gently until it snaps into place. Next plug power supplies into the A.C. wall outlet. The green led on the preamp and the red leds on the power supplies should light up. If they do not, stop and contact your dealer or the factory.

HOOK UP

Your PAM-5 comes to you factory set for moving coil operation with an impedance of 100 ohms. This impedance can be changed by adjusting switches marked S 1 and S 3. To do so, remove the cover of the preamp with the supplied allen key and refer to figure 1 and the following table.

TABLE OF MOVING COIL ADJUSTMENTS

all switches in the open position	=	47,000 ohms
all switches open except switch 8 on	=	1,000 ohms
all switches open except switch 7 on	=	800 ohms
all switches open except switch 6 on	=	470 ohms
all switches open except switch 5 on	=	250 ohms
all switches open except switch 4 on	=	100 ohms
all switches open except switch 3 on	=	47 ohms
all switches open except switch 2 on	=	25 ohms
all switches open except switch 1 on	=	10 ohms
all switches on	=	5 ohms

To change moving coil to fixed coil (moving magnet), adjust S 2; refer to switch direction in figure 1. S 2 switch handles should point to the right side for moving coil and to the left side for moving magnet.

TUNER

The tuner input on PAM-5 is the second input on the back panel. It is set up to drive the high level section of the preamp directly.

SELECTOR SWITCH

PAM-5's selector switch is used to choose the desired source, Phono, Tuner, C.D. and Aux. It may also be used to turn the signal off (completely muted). This can be accomplished by turning the selector past the Phono position one step above, in a clockwise direction.

COMPACT DISC INPUT

The C.D. input of PAM-5 is a true phase correcting input. It has 14 different adjustments for the various types of C.D. players. If you refer to figure 1 and move switches S 4 and S 5 to adjust for your specific C.D. player, the adjustments positions are as follows:

Sony: 2-3-1 open, 8-4-5-6-7 on

Technics: 1-2 open, 3-4-5-6-7-8 on

Revox: 2-1 open, 3-4-5-6-7-8 on

Nad: 1-3-4-5-6-7 open, 2-8 on

Kyocera: 1-3-4-5-6-7 open, 2-8 on

Yamaha: 1-3-5-6-7 open, 2-4-8 on

Magnavox FD 30-30: 1-2 open, 3-4-5-6-7-8 on

Kyocera 910: 1-2 open, 3-4-5-6-7-8 on

If you do not find your brand of player above, you may call your dealer or Krell for specific settings. If you are unable to contact either, use the following settings. If you have a Sony type system, adjust to 1-2-3-8 open, 4-5-6-7 on. If you have the Phillips

type system, adjust to 3-5-6-7 open 1-2-8 on. These are the average settings for the two systems.

AUXILIARY

The auxiliary input is the same as the tuner input and may be used for a host of different applications.

TAPE MONITOR/SELECTOR SWITCH

This switch selects between the tape input and the input of choice on the selector switch.

TAPE OUT

To tape with PAM-5, turn the selector switch on the front panel to the position of the source you wish to record. The tape output is not affected by the position of the Tape Monitor/Selector Switch.

OUTPUT

There are two outputs on PAM-5 which are capable of driving more than one amplifier at the same time.

D.C. or A.C. COUPLING

Your PAM-5 comes to you set for D.C. coupled operation. If your system is very sensitive to small D.C. voltage fluctuations, and you are not using a Krell power amplifier, you may change to A.C. coupling by moving the rocker switch S 6 to the open position.

BALANCE

The balance control on the PAM-5 is really a balance attenuator. When you turn the control to the right, the speaker on the right will reduce in level. If you turn it to the left, the left speaker will reduce in level. Note, rotation in the extreme of either direction turns the channel off.

TIPS ON INSTALLATION

Do not put the power supply close to the preamplifier. Close proximity could cause hum. This also holds true for the large power supply transformers located in power amplifiers and some turntables. Before making any connections to PAM-5 please make sure the volume is turned all the way down. Our RCA connectors are made of the highest quality materials available and made to exacting standards. In fact, they are made to the original RCA Standard. Lesser quality connectors can damage them. Please check with your dealer if you have any doubts about your interconnect's plugs, as the jacks are not subject to warranty if abused.

SPECIFICATIONS

Signal/noise ratio: 'A' weighted -110 db phono

Frequency response: D.C. - 20 MHz

RIAA tracking: greater than .1 db from 20 - 20KHz

Overload: 1KHz 300mv phono stage

High level voltage swing: 8 volts rms

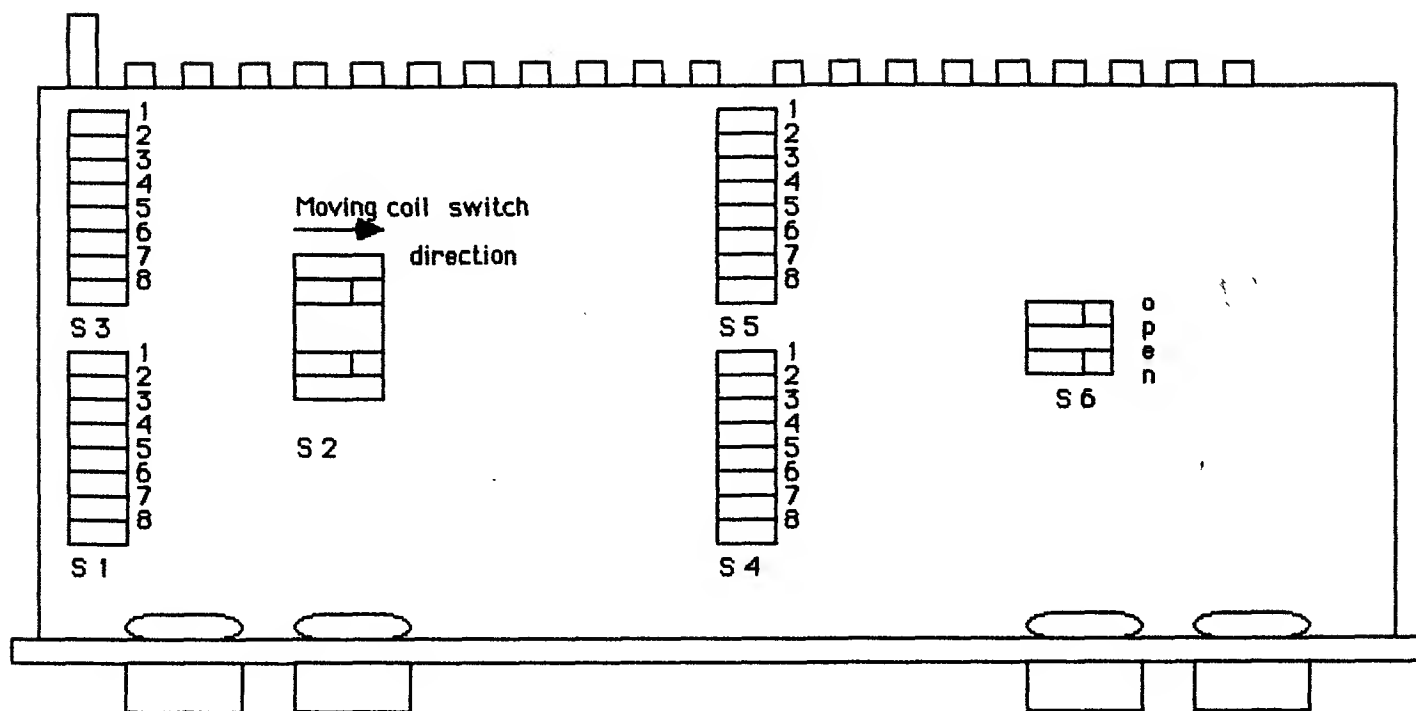
High level output impedance: 10 ohms

High level input impedance: minimum 10,000 ohms

Warranty: PAM-5 has a limited warranty for a period of five (5) years from date of purchase.

Figure 1

PAM-5



Additional CD Settings

P.S. Audio CD1	3-6-7-8 open 1-2-4-5 on
Nakamishi OMS-7	1-3-4-6-7 open 2-5-8 on
Magnavox 650	4-5-8 open 1-2-3-6-7 on
Stax Q	3-4-8 open 1-2-5-6-7 on
Mission 707	2-8 open 1-3-4-5-6-7 on
Yamaha	2-8 open 1-3-4-5-6-7 on
Adcom GCD-300	1-3-4-7 open 2-5-6-8 on
Kinergetics CDC 20A	3-4-5-8 open 1-2-6-7 on
McIntoch	3-4-5-6-7-8 open 1-2 on